

ABSTRACT

A bearing member manufacturing method manufactures a bearing member 20 formed of a light-metal-base material and capable of stably supporting a rotational shaft at a reduced manufacturing cost. The bearing member manufacturing method manufactures a bearing member 20 including a bearing body 21 formed of a first material, a light-metal-base material, and a bearing part 22 formed of a light-metal-base material different from that forming the body part 21, the bearing part 22 having a bearing surface 23 and bonded to the body part 21. A first workpiece 30 having a cylindrical inside surface 30a serving as the bearing surface 23 is placed in a mold 50. The molten first material is poured into a cavity 56 surrounding the first workpiece 30 to cast a second workpiece 32. The first workpiece 30 and the second workpiece 32 are bonded metallurgically along the interface between the first workpiece 30 and the second workpiece 32 to form a primary workpiece 34 in the form of a semifinished workpiece 33. The semifinished workpiece 33 is divided into halves along a center plane P2 including the center axis L2 of the inside surface 30a. Thus, two secondary workpieces 35 to be finished in the two bearing members 20 are obtained by cutting the single semifinished workpiece 33.